Question	Answer
1	a) For every 2 squares there are 3 triangles. b) For every 5 circles there is 1 square. For every 1 square there are 5 circles.
2	
3	Any three diagrams showing twice as much yellow as red. Ensure that students are drawing equal parts.
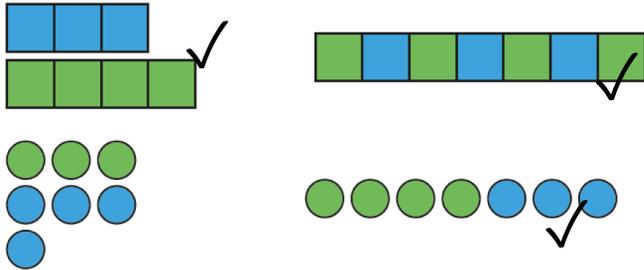
4	a) For every 1 pencil there are 2 rubbers.
	 b) For every 2 tyres there are 3 tennis balls.
	 c) Any two of:
	   For every 3 tyres there are 9 tennis balls.
	   For every 2 tyres there are 6 tennis balls.
	   For every 1 tyre there is 3 tennis balls.

5	a) 3 should be coloured red and 9 blue. b) 12 should be coloured green and 18 red. c) 20 squares should be shaded.
6	Possible answers: Eva £1, Dexter 50p Eva £2, Dexter £1 Eva £3, Dexter £1.50 etc. £19.50
7	 This representation will make the darkest purple as it has the highest proportion of blue. Any representation where over half of the parts are shaded blue will make a darker purple.
8	2 in every 5 people wear glasses means if 2 people do, 3 people don't. For every £1 Whitney has, Mo has £1.50 means if Whitney has £2 then Mo has £3 For every 225g of flour there are 150g of sugar means for every 2g of sugar there is 3g of flour. All are in the ratio 2 : 3